

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD980738546	2. Page 1 of 1	3. Emergency Response Phone 1-800-424-9300	4. Manifest Tracking Number 001580589 JJK										
5. Generator's Name and Mailing Address Alaskan Copper Works 3200 Sixth Avenue South Seattle, WA 98124 Generator's Phone: 206-382-8379		Generator's Site Address (if different than mailing address)													
6. Transporter 1 Company Name DIVERSIFIED TRANSPORTATION INC		U.S. EPA ID Number AZR000035717													
7. Transporter 2 Company Name		U.S. EPA ID Number													
8. Designated Facility Name and Site Address World Resources Company 8113 West Sherman Street Tolleson, AZ 85353 Facility's Phone: (602) 293-9166		U.S. EPA ID Number AZD980735500													
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes								
			No.	Type											
			1. RQ, Hazardous waste, solid, n.o.s., (D007), 9, NA3077, III	044						DM	31146	P	D007		
			2. RQ, Hazardous waste, solid, n.o.s., (F006), 9, NA3077, III	043						CF	4619	P	F006		
			3.												
4.															
14. Special Handling Instructions and Additional Information P.O. # M-00823 Use CHEMTREC company code "WORR"															
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.															
Generator's/Officer's Printed/Typed Name Gerald A. Thompson		Signature 		Month Day Year 08 02 07											
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:													
17. Transporter Acknowledgment of Receipt of Materials															
Transporter 1 Printed/Typed Name KENT MANSBERGER		Signature 		Month Day Year 08 07 07											
Transporter 2 Printed/Typed Name		Signature		Month Day Year											
18. Discrepancy															
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection															
Manifest Reference Number:															
18b. Alternate Facility (or Generator) U.S. EPA ID Number															
Facility's Phone:															
18c. Signature of Alternate Facility (or Generator) Month Day Year															
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)															
1. H128 H039 2. H128 H039 3. 4.															
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a															
Printed/Typed Name DAVIDY RODRIGUEZ		Signature 		Month Day Year 08 13 07											

WORLD RESOURCES
09:12AM 08/13/2007
GROSS . 1396 lb
TARE 77 lb
NET 1319 lb

WORLD RESOURCES
09:13AM 08/13/2007
GROSS 1706 lb
TARE 77 lb
NET 1629 lb

WORLD RESOURCES
09:14AM 08/13/2007
GROSS 1517 lb
TARE 77 lb
NET 1440 lb

ACCUM 4388 lb
08/13/2007 09:14AM

2.19
TONS



WORLD RESOURCES COMPANY

WEIGH TICKET

DATE 08/13/07

COMPANY Alaskan Copper WORLD RESOURCES COMPANY

CITY SEAHIE STATE WA 8113 West Sherman St.
Phoenix, Az. 85043-3000
(602) 233-9166

COMMODITY D007/K ID 583
09:16 AM 08/13/07
GROSS 64500 LB STORED

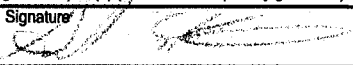
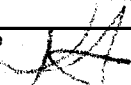
MANIFEST # 001580589JJK

CARRIER DTI ID 509
ID 08/13/07

REMARKS 44 metal drums GROSS 64500 LB ROUNDED
TARE 33660 LB
NET 31140 LB
-2288 Drum Weight
28852

WEIGHER D.R

TOTAL TONS 14.43

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7. Transporter 2 Company Name					U.S. EPA ID Number												
8. Designated Facility Name and Site Address World Resources Company 8113 West Sherman Street Tolleson, AZ 85353 Facility's Phone: (602) 233 9166					U.S. EPA ID Number AZD980735500												
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes									
				No.	Type												
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				2. RQ, Hazardous waste, solid, n.o.s., (F008), 9, NA3077, III							043	CF	4619	P	F008		
				3.													
4.																	
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Generator's/Officer's Printed/Typed Name James A. Thompson					Signature 			Month Day Year 03 02 02									
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____																	
17. Transporter Acknowledgment of Receipt of Materials																	
Transporter 1 Printed/Typed Name Kent Manderger					Signature 			Month Day Year 08 07 02									
Transporter 2 Printed/Typed Name					Signature			Month Day Year									
18. Discrepancy																	
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																	
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____																	
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year																	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																	
1. H129		2. H129		3.		4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																	
Printed/Typed Name					Signature			Month Day Year									

Material Safety Data Sheet

MSDS ID # AZ-22-C

D007 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

January 2006 DLS

Call CHEMTREC only in the event of
emergencies during shipping that
involve a spill, leak, fire or accident
(all calls are recorded)

For Emergencies During Shipping in
the US or Canada, Day or Night,

Call: **CHEMTREC 800-424-9300**

Use CHEMTREC Company Code "WORR"

From other countries call: 703-527-3887

Section 1

Material Identification

EPA Waste Classification: D007**Generic Name:** Chromium Bearing Filter Cake**Chemical Family:** Metallic (Hydroxide) Precipitates**Synonym:** Non-ferrous Metal Hydroxide Filter Cake**DOT Shipping Name:** RQ, Hazardous waste solid, n.o.s. (D007)**DOT Hazard Class:** 9**DOT Packing Group:** III**DOT Identification Number:** NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2

Hazardous Ingredients

Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 - 30	1.0 mg(Cu)/m ³ (Dust)	LD-50 1,000 mg/kg
Chromic Hydroxide	1308-58-1	0 - 20	0.05 mg(Cr)/m ³ (Dust)	LD-50 Not Determined
Nickel Hydroxide	12054-48-7	0 - 15	1.0 mg(Ni)/m ³ (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 - 15	5.0 mg/m ³ (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 - 10	5.0 mg/m ³ (Dust)	LD-50 Not Determined

Section 3

Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green
to Brown, Moisture ~ 30 - 80%**Specific Gravity:** 2.5 to 3.5**Solubility:** Insoluble in Water**Density:** 50 - 90 lbs/ft³**Incompatible Reactivity:** None Known**Vapor Pressure:** Insignificant**Stability:** Avoid Contact with Acids**Boiling Point:** Above 2,600°C**Melting Point:** Above 1,800°C**pH:** 7.0 to 10.0 **Odor:** Nil**Polymerization:** Will Not Occur

Section 4

Fire and Explosion Data

Flashpoint: Nonflammable**Special Firefighting Procedures:** None**Decomposition (Due to Fire or Explosion):** None**Oxidation:** Non-oxidizing**Explosive:** Non-explosiveNFPA
Fire Diamond

Section 5

Toxicity

Listed Carcinogen Components: Nickel, Chromium**Toxicology:** See Sec. 2**Route of Entry:** Inhalation, Ingestion

Section 6

Health Effects and First Aid

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.**Ingestion:** Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.**Eyes:** Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.**Skin:** Dust may irritate skin with prolonged contact. Wash with soap and water.**Comments:** Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

Section 7

Precautions for Safe Handling

Handling: Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.**Storage:** Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover to protect from rain.**Spills:** Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to World Resources Company at the above address.

Section 8

Control Measures

Respiratory Protection: NIOSH-MSHA approved respirators as required.**Eye Protection:** Safety glasses recommended.**Other Protective Equipment:** Coveralls are recommended, but not required.**Hand Protection:** Gloves recommended.

Section 9

Generator's Verification

This MSDS describes the material listed in the attached Manifest #:

Company Name: Alaskan Copper Works**Company Address:** 3200 Sixth Avenue South, Seattle, WA 98124**Telephone:** 206-382-8379**Date:****Signature:**

001580589 JJK

Material Safety Data Sheet

MSDS ID # AZ-10-C

F006 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

January 2006 DLS

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emergencies during shipping that
involve a spill, leak, fire or accident
(all calls are recorded)

For Emergencies During Shipping in
the US or Canada, Day or Night,

Call: **CHEMTREC 800-424-9300**

Use CHEMTREC Company Code "WORR"

From other countries call: 703-527-3887

Section 1

Material Identification

EPA Waste Classification: F006**Generic Name:** Electroplating/Metal-Finishing Wastewater Treatment Sludge**Chemical Family:** Metallic (Hydroxide) Precipitates**Synonym:** Non-ferrous Metal Hydroxide Filter Cake**DOT Shipping Name:** RQ, Hazardous waste solid, n.o.s. (F006)**DOT Hazard Class:** 9**DOT Packing Group:** III**DOT Identification Number:** NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2

Hazardous Ingredients

Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 - 30	1.0 mg(Cu)/m ³ (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 - 15	1.0 mg(Ni)/m ³ (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 - 15	5.0 mg/m ³ (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 - 10	5.0 mg/m ³ (Dust)	LD-50 Not Determined

Section 3

Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green
to Brown, Moisture ~ 30 - 80%**Specific Gravity:** 2.5 to 3.5**Solubility:** Insoluble in Water**Density:** 50 - 90 lbs/ft³**Incompatible Reactivity:** None Known**Vapor Pressure:** Insignificant**Stability:** Avoid Contact with Acids**Boiling Point:** Above 2,600°C**Melting Point:** Above 1,800°C**pH:** 7.0 to 10.0 **Odor:** Nil**Polymerization:** Will Not Occur

Section 4

Fire and Explosion Data

Flashpoint: Nonflammable**Special Firefighting Procedures:** None**Decomposition (Due to Fire or Explosion):** None**Oxidation:** Non-oxidizing**Explosive:** Non-explosive**NFPA
Fire Diamond**

Section 5

Toxicity

Listed Carcinogen Components: Nickel**Toxicology:** See Sec. 2**Route of Entry:** Inhalation, Ingestion

Section 6

Health Effects and First Aid

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.**Ingestion:** Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.**Eyes:** Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.**Skin:** Dust may irritate skin with prolonged contact. Wash with soap and water.**Comments:** Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

Section 7

Precautions for Safe Handling

Handling: Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.**Storage:** Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover to protect from rain.**Spills:** Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to World Resources Company at the above address.

Section 8

Control Measures

Respiratory Protection: NIOSH-MSHA approved respirators as required.**Eye Protection:** Safety glasses recommended.**Other Protective Equipment:** Coveralls are recommended, but not required.**Hand Protection:** Gloves recommended.

Section 9

Generator's Verification

This MSDS describes the material listed in the attached Manifest #:

001580589 JJK

Company Name: Alaskan Copper Works**Company Address:** 3200 Sixth Avenue South, Seattle, WA 98124**Telephone:** 206-382-8379**Date:** 8/02/07**Signature:**

Material Safety Data Sheet

MSDS ID # AZ-10-C

F006 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

January 2006 DLS

Call CHEMTREC only in the event of
emergencies during shipping that
involve a spill, leak, fire or accident
(all calls are recorded)

For Emergencies During Shipping in
the US or Canada, Day or Night,

Call: **CHEMTREC 800-424-9300**

Use CHEMTREC Company Code "WORR"

From other countries call: 703-527-3887

Section 1

Material Identification

EPA Waste Classification: F006**Generic Name:** Electroplating/Metal-Finishing Wastewater Treatment Sludge**Chemical Family:** Metallic (Hydroxide) Precipitates**Synonym:** Non-ferrous Metal Hydroxide Filter Cake**DOT Shipping Name:** RQ, Hazardous waste solid, n.o.s. (F006)**DOT Hazard Class:** 9**DOT Packing Group:** III**DOT Identification Number:** NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2

Hazardous Ingredients

Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 - 30	1.0 mg(Cu)/m ³ (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 - 15	1.0 mg(Ni)/m ³ (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 - 15	5.0 mg/m ³ (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 - 10	5.0 mg/m ³ (Dust)	LD-50 Not Determined

Section 3

Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green to Brown, Moisture ~ 30 - 80%	Density: 50 - 90 lbs/ft ³	Boiling Point: Above 2,600°C
Specific Gravity: 2.5 to 3.5	Incompatible Reactivity: None Known	Melting Point: Above 1,800°C
Solubility: Insoluble in Water	Vapor Pressure: Insignificant	pH: 7.0 to 10.0
	Stability: Avoid Contact with Acids	Odor: Nil
		Polymerization: Will Not Occur

Section 4

Fire and Explosion Data

Flashpoint: Nonflammable	Oxidation: Non-oxidizing
Special Firefighting Procedures: None	Explosive: Non-explosive
Decomposition (Due to Fire or Explosion): None	

NFPA
Fire Diamond

Section 5

Toxicity

Listed Carcinogen Components: Nickel	Toxicology: See Sec. 2	Route of Entry: Inhalation, Ingestion
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Section 6

Health Effects and First Aid

Inhalation:	Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.
Ingestion:	Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.
Eyes:	Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.
Skin:	Dust may irritate skin with prolonged contact. Wash with soap and water.
Comments:	Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

Section 7

Precautions for Safe Handling

Handling:	Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.
Storage:	Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover to protect from rain.
Spills:	Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to World Resources Company at the above address.

Section 8

Control Measures

Respiratory Protection: NIOSH-MSHA approved respirators as required.	Eye Protection: Safety glasses recommended.
Other Protective Equipment: Coveralls are recommended, but not required.	Hand Protection: Gloves recommended.

Section 9

Generator's Verification

This MSDS describes the material listed in the attached Manifest #:

001580589 JJK

Company Name: Alaskan Copper Works**Company Address:** 3200 Sixth Avenue South, Seattle, WA 98124**Telephone:** 206-382-8379**Date:** 8/02/07**Signature:**

Material Safety Data Sheet

MSDS ID # AZ-22-C

D007 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

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Diatomite	61790-53-2	0 - 10	5.0 mg/m ³ (Dust)	LD-50 Not Determined

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Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green to Brown, Moisture ~ 30 - 80%	Density: 50 - 90 lbs/ft ³	Boiling Point: Above 2,600°C
Specific Gravity: 2.5 to 3.5	Incompatible Reactivity: None Known	Melting Point: Above 1,800°C
Solubility: Insoluble in Water	Vapor Pressure: Insignificant	pH: 7.0 to 10.0 Odor: Nil
	Stability: Avoid Contact with Acids	Polymerization: Will Not Occur

Section 4

Fire and Explosion Data

Flashpoint: Nonflammable	Oxidation: Non-oxidizing
Special Firefighting Procedures: None	Explosive: Non-explosive
Decomposition (Due to Fire or Explosion): None	

**NFPA
Fire Diamond**

Section 5

Toxicity

Listed Carcinogen Components: Nickel, Chromium	Toxicology: See Sec. 2	Route of Entry: Inhalation, Ingestion
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Section 6

Health Effects and First Aid

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.
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Other Protective Equipment: Coveralls are recommended, but not required.	Hand Protection: Gloves recommended.


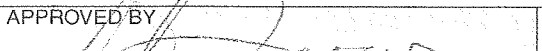

Section 9

Generator's Verification

This MSDS describes the material listed in the attached Manifest #:

Company Name: Alaskan Copper Works**Company Address:** 3200 Sixth Avenue South, Seattle, WA 98124**Telephone:** 206-382-8379**Date:****Signature:**



REQUESTED BY 	DATE 8/7/07	APPROVED BY 	DATE
<input checked="" type="checkbox"/> HERE FOR RETURN OF YELLOW COPY		TO BE FILLED IN BY PURCHASING DEPT.	
PURPOSE OR USE		P.O. NUMBER	M-00823
DELIVERY NEEDED BY		VENDOR	
SHIP TO ADDRESS		CONTACT	TELEPHONE NO.
SUGGESTED VENDOR 		DELIVERY PROMISED	SHIP VIA

GENERAL INTERNAL PURCHASE REQUISITION

[illegible]

REQUESTED BY

DATE _____

APPROVED BY

DATE _____

☒ HERE FOR RETURN OF YELLOW COPY

TO BE FILLED IN BY PURCHASING DEPT.

PURPOSE OR USE

P.O. NUMBER

DELIVERY NEEDED BY

VENDOR

SHIP TO ADDRESS

CONTACT

TELEPHONE
NO.**SUGGESTED
VENDOR**

**DELIVERY
PROMISED**

SHIP VIA